

Abstract

A method of producing a cordierite ceramic honeycomb including the steps of: preparing raw materials becoming cordierite and forming agents; adding the forming agents into the raw materials for cordierite generation; mixing the forming agents and the raw materials to obtain a raw material batch; extruding the raw material batch to obtain a formed body; drying the formed body; and sintering the formed body after drying; so as to obtain a honeycomb structural body having a cordierite crystal phase as a main ingredient. In this method, at the sintering step, a temperature descending rate at least from a maximum temperature to 1300°C is not larger than 100°C/hour.